ENV Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ENV, Polyclonal Antibody
Full Product Name	Rabbit anti-Human immunodeficiency virus type 1 group M subtype B (isolate NY5)(HIV-1) ENV Polyclonal Antibody
Product Gene Name	anti-ENV antibody
Product Synonym Names	ENV Antibody; Truncated surface protein; SU; Glycoprotein 120; gp120; env
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human immunodeficiency virus type 1 group M subtype B (isolate NY5)(HIV-1)
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH7.4
Purity/Purification	Antigen-affinity
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	47,493 Da
3D Structure	ModBase 3D Structure for P12490
Immunogen	Recombinant Human immunodeficiency virus type 1 group M subtype B (isolate NY5) (HIV-1) env protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-ENV antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-ENV antibody	MBS7152179 is an antibody targeting ENV. Also known as Rabbit anti-Human immunodeficiency virus type 1 group M subtype B (isolate NY5)(HIV-1) ENV Polyclonal Antibody. Reactive in Human immunodeficiency virus type 1 group M subtype B (isolate NY5)(HIV-1). Host: Rabbit.
Other Notes	Small volumes of anti-ENV antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ENV. It may not necessarily be applicable to this product.

NCBI GI #	119445
NCBI Accession #	P12490.1
UniProt Primary Accession #	P12490
NCBI Official Full Name	Truncated surface protein
UniProt Protein Name	Truncated surface protein

UniProt Synonym Protein Names	Glycoprotein 120; gp120
Protein Family	Envelope glycoprotein
UniProt Gene Name	env
UniProt Synonym Gene Names	SU; gp120
UniProt Comments for ENV	MiscellaneousHIV-1 lineages are divided in three main groups, M (for Major), O (for Outlier), and N (for New, or Non-M, Non-O). The vast majority of strains found worldwide belong to the group M. Group O seems to be endemic to and largely confined to Cameroon and neighboring countries in West Central Africa, where these viruses represent a small minority of HIV-1 strains. The group N is represented by a limited number of isolates from Cameroonian persons. The group M is further subdivided in 9 clades or subtypes (A to D, F to H, J and K).
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